



## MECKLENBURG COUNTY FIRE MARSHAL'S OFFICE

### **LAND DEVELOPMENT PLAN REVIEW CHECKLIST**

The Mecklenburg County Fire Marshal's Office reviews land development drawings that are submitted thru the land development review process for the incorporated towns and their extra territorial jurisdiction (ETJ) areas. All land developments are reviewed for the following code requirements:

- Road Width – Minimum 20 feet or per North Carolina Department of Transportation (NCDOT).
- Fire Apparatus Turning Radius – 30 feet inner, 42 feet outer.
  - Templates SB-30 (Engines) and B-40 (Ladder Trucks) are used and all drawings shall be scaled no smaller than 1:60.
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- Water Utilities – Water lines and/or fire hydrant locations.
  - No more than 750 feet from any structures remote point or residential Fire Department Connection (FDC) and 200 feet from a commercial FDC.
- Dead-End Roads – Maximum length of any dead-end road shall be 150 feet without an approved fire apparatus turn around.
  - [Dead-End approved turn arounds.](#)
- Road Surfaces – All roads/commercial driveways shall be capable to support the imposed load of an 80,000-pound fire apparatus.
- Secondary Access – Development of one-or two- family dwellings where the number of dwelling units exceed 30 shall be provided with separate and approved fire apparatus access roads.